tially with a straight or similar angle, or the upper body **14** and lower body **12** may be excessively angled relative to each other.

[0041] In other words, if the tilting angel θ**2** is smaller than 5°, a user may need to raise the upper body **14** in a vertical direction to conform his/her gaze X to face the display **18**. Conversely, if the tilting angel θ**2** is greater than 30°, a user may need to lower the upper body **14** toward a horizontal direction to conform his/her gaze X to face the display **18**. Thus, the manipulation of the key input unit **16** may be less convenient.

[0042] Additionally, if the tilting angle θ**2** is greater than 30°, the tilting angle θ**1** is also increased. Thus, the swivel hinge unit **30** may be disposed substantially closer to a vertical direction according to the relationship between the tilting angle θ**2** and the inclined angle θ**1**, and this may increase the thickness of the mobile communication terminal **10'**. Further, a slimmer design may be more desirable for the mobile communication terminal **10'**

[0043] In addition, if a call is made to the mobile communication terminal **10'** while the mobile communication terminal **10'** is swivel-tilted, the user may receive the call in the state shown in FIG. **6**. If the tilting angle θ**2** is greater than 30°, the upper body **14** and the lower body **12** may be excessively angled relative to each other, and the upper body **14** may be too distant from the face of the user.

[0044] If the upper body **14** is too distant from the face of the user, a receiver arranged at the top of the upper body **14** may be too distant from the ear of the user, or a microphone (not shown) in the lower body **12** may be too distant from the mouth of the user. This may increase the difficulty of using the telephone feature of the mobile communication terminal **10'**.

[0045] Thus, the mobile communication terminal **10'** may have the tilting angle θ**2** in the is range of 5° to 30°, and more particularly in the range of 8° to 12°.

[0046] By slanting the swivel hinge unit **30** relative to the upper body **14** and lower body **12** as mentioned above, the upper body **14** and lower body **12** arranged at a first angle relative to each before the swiveling movement are tilted with a second angle, the tilting angle θ**2**, after the swiveling movement.

[0047] Meanwhile, border surfaces **44** and **46**, arranged where the upper body **14** and lower body **12** contact each other, may have an inclination corresponding to a border axis Z that is perpendicular to the central axis O of the swivel hinge unit **30**. If the border axis Z is not perpendicular to the central axis O, the border surfaces **44** and **46** of the upper body **14** and lower body **12** may interference with each other during the swiveling movement, thereby disturbing the swiveling movement. Thus, the border axis Z of the border surfaces **44** and **46** may be perpendicular to the central axis O. Further, the border surfaces **44** and **46** could have a different arrangement that permits the swivel movement of the swivel hinge unit **30** as described above. For example, the border surfaces **44** and **46** could each be partially or entirely curved across the border axis Z, and could each be partially or entirely curved or tilted away from the swivel hinge unit **30** across the border axis Z.

[0048] FIG. **5** shows how the mobile communication terminal of this embodiment is used, and in FIG. **5**, it is schematically illustrated that a swivel-tilted mobile communication terminal is gripped and used.

[0049] As seen from the figure, the upper body **14** is raised toward a vertical direction according to the tilting angle θ**2**, so the display **18** better faces the gaze X of a user. This may make using the mobile communication terminal **10'** more convenient for the user since the user may more conveniently see the display **18** and more easily watch the content displayed on the is display **18**.

[0050] In addition, a user may grip the mobile communication terminal **10'** such that his/her thumb Y is placed more substantially in a horizontal direction, and less substantially in a vertical direction, so the user may more conveniently manipulate the key input unit **16** while moving his/her fingers. In other words, the manipulation of the key input unit **16** may be improved.

[0051] According to the swivel-tilting-type mobile communication terminal **10'** of this exemplary embodiment, it is possible to improve visibility to the display **18** provided at the upper body **14** and manipulation of the key input unit **16** provided at the lower body **12** together if a user uses a function that permits manipulation of the key input unit **16** while watching the display **18**.

[0052] It will be apparent to those skilled in the art that various modifications and variation can be made in the present invention without departing from the spirit or scope of the invention. Thus, it is intended that the present invention cover the modifications and variations of this invention provided they come within the scope of the appended claims and their equivalents.

What is claimed is:

1. A mobile communication terminal, comprising:
- an upper body;
- a lower body; and
- a swivel hinge unit connecting the upper body to the lower body, the swivel hinge unit to perform a swiveling movement of the lower body relative to the upper body from a first position to a second position,
- wherein the swivel hinge unit rotates about a central axis arranged with an inclined angle with respect to a first axis formed by the upper body and the lower body in the first position, and
- wherein the upper body and the lower body in the second position are arranged relative to each other at a tilting angle.

2. The mobile communication terminal of claim **1**, wherein the inclined angle of the swivel hinge unit is ½ of the tilting angle.

3. The mobile communication terminal of claim **2**, wherein border surfaces of the upper body and the lower body are arranged perpendicular to the central axis.

4. The mobile communication terminal of claim **2**, wherein the tilting angle is 5° to 30°.

5. The mobile communication terminal of claim **1**, wherein the swivel hinge unit comprises:
- a hinge shaft extending into the upper body and the lower body;
- an elastic spring coupled to the hinge shaft;
- an upper cam rotatably coupled to the hinge shaft in the upper body;
- a lower cam rotatably coupled to the hinge shaft between the elastic spring and the upper cam and engaged with a cam shape of the upper cam;
- an upper fixed wing attached to the upper cam; and
- a lower fixed wing attached to the lower cam.

6. The mobile communication terminal of claim **2**, wherein the swivel hinge unit comprises:
- a hinge shaft extending into the upper body and the lower body;